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<p>(21) International Application Number: PCT/US98/10041</p> <p>(22) International Filing Date: 15 May 1998 (15.05.98)</p> <p>(30) Priority Data: <u>08/856,653</u> 15 May 1997 (15.05.97) US</p> <p>(71) Applicant: ABBOTT LABORATORIES [US/US]; 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).</p>		<p>(72) Inventors: BILLING-MEDEL, Patricia, A.; 1427 Sherwood Court, Gurnee, IL 60031 (US). COHEN, Maurice; 2026 Deerfield Road, Highland Park, IL 60035 (US). COLPITTS, Tracey, L.; 34365 North Circle Drive, Round Lake, IL 60073 (US). FRIEDMAN, Paula, N.; 462 Cumnor Court, Deerfield, IL 60015 (US). GORDON, Julian; 307 East Sheridan Road, Lake Bluff, IL 60044 (US). GRANADOS, Edward, N.; 19 Montgomery Lane, Vernon Hills, IL 60061 (US). HODGES, Steven, C.; 169 Stonegate Road, Buffalo Grove, IL 60089 (US). KLASS, Michael, R.; 1606 Mulberry Drive, Libertyville, IL 60048 (US). KRATOCHVIL, Jon, D.; 7101 Fifth Avenue, Kenosha, WI 53143 (US). ROBERTS-RAPP, Lisa; 2090 Westfield Drive, Gurnee, IL 60031 (US). RUSSELL, John, C.; 8275 64th Court, Kenosha, WI 53142 (US). STROUPE, Stephen, D.; 945 Wilshire Drive, Libertyville, IL 60048 (US).</p> <p>(74) Agents: WEINSTOCK, Steven, F.; Abbott Laboratories, D-377/AP6D, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US) et al.</p> <p>(81) Designated States: CA, JP, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).</p> <p><b>Published</b> <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p>
<p>(54) Title: REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE PROSTATE</p> <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;"> <p>3353644</p> <p>2804743</p> <p>1891065</p> <p>1543671</p> <p>1543671H</p> <p>1863905</p> <p>1314679</p> <p>1901337</p> <p>1900086</p> <p>2325070</p> <p>3969672</p> </div> </div> <div style="margin-top: 10px;"> </div>		
<p>(57) Abstract</p> <p>A set of contiguous and partially overlapping cDNA sequences and polypeptides encoded thereby, designated as PS116 and transcribed from prostate tissue, is described. These sequences are useful for the detecting, diagnosing, staging, monitoring, prognosticating, in vivo imaging, preventing or treating, or determining the predisposition of an individual to diseases and conditions of the prostate, such as prostate cancer. Also provided are antibodies which specifically bind to PS116-encoded polypeptide or protein, and agonists or inhibitors which prevent action of the tissue-specific PS116 polypeptide, which molecules are useful for the therapeutic treatment of prostate diseases, tumors or metastases.</p>		